

Arming Control Unit Touch Screen (ACU - TS)

The Arming Control Unit Touch Screen (ACU-TS) is used to open/close (arm/disarm) an area of alarm zones for one or more designated field devices within the Integrated Digital Controller (IDC) environment. Each ACU-TS can be configured to control one account when the field devices are connected to the same Unified Digital Controller (UDC) Board. Up to fifteen (15) ACU-TS units can be interfaced to a single UDC. Each ACU-TS communicates with the UDC via a 22 AWG, 2-wire twisted pair cable using standard 2-wire RS-485 communications.

The Rotational method presents a new arrangement of number assignments to the keys for each use. The Rotation-PLUS presents a new arrangement of number assignments to the keys after each keystroke. In either Rotational mode the keys are always shown in numerical order, similar to the horizontal method, however the starting point is always different.



Features:

This dynamic keypad labeling makes available the following ACU-TS functions:

- OPEN or CLOSE account (requires entry of a 5 - digit "user" security code)
- Display Account Status: OPEN, CLOSED, ENTRY DELAY or EXIT DELAY
- Display Status for up to 64 zones in the account: SAFE, ACTIVE ALARM or FAULT, ACTIVE ALARM and MASKED, SAFE and MASKED
- Display ACTIVE ALARMS only (one at a time) with full descriptive text name
- Display MASKED ZONES only (one at a time) with full descriptive text name
- Display CURRENT TIME or REMAINING OPEN TIME (hh:mm:ss)
- ARM, DISARM, MASK, UNMASK individual alarm points, and FORCE CLOSE ACCOUNT with alarm points masked (requires entry of a 5-digit "privileged user" security code)
- Four different labeling methods: horizontal, vertical, rotational and rotational PLUS (high security)

Primary Panel Features:

Electrical

Power	5 VDC $\pm 5\%$, or 12 VDC $\pm 10\%$
Current Draw	80mA maximum

Dimensions

Height	5.50 in. (140 mm)
Width	8.00 in. (203 mm)
Depth	1.75 in. (45 mm)

Material

Panel/Box	Injected molded plastic, black
Mounting	Mounts to 2-gang, 3-gang or 4-gang electrical box

Environment

Temperature	32°F-120°F, (0°C-50°C) – indoor use only
Humidity	10%-95% (non-condensing)

Communications

Protocol	RS-485
Distance	4,000 feet (1300 meters)
Media Type	Twisted Pair

Display

Type	Liquid Crystal Display, LCD
	Interactive Unit Command & Input

Annunciator

Internal Beeper	Sounds on each keypad entry
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MONITOR DYNAMICS



Design and specifications subject to change without notice.

ACUTS-0925